



VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the specification:

Paragraph beginning at page 2, line 28 through page 3, line 2 has been amended as follows:

Another problem related to the above described methods is that the glues shrink during the hardening process and consequently move the CCD cell, and thus the CCD cells are not reliably in their correct positions after the glue is hardened. On the other hand, while [Gluing] gluing a CCD cell directly onto the prism, the viscosity of the glue and its uneven distribution result in that the CCD cell is moved and must be aligned several times during the hardening process of the glue. Moreover, the heating of the CCD cell during use creates internal tensions in the glue layer, because the color splitting prism is not heated, or is heated at a different pace than the cell, which may cause the cell alignment to change, or even the element to fall off.

In the Claims:

Claims 1, 11, 23 and 27 have been amended as follows:

- 1           1.       (Amended) A joining construction for mounting CCD cells of a color line  
2 camera in an aligned fashion on a color splitting prism, which is attached to a prism housing,  
3 said joining construction comprising: fastening elements having a length substantially larger

4 than the length of the CCD cell and extending from a housing margin on one side of a light  
 5 exit surface of said color splitting prism to another housing margin on the opposite side of  
 6 said light exit surface; a first glue joint between the CCD cell and its fastening element; and  
 7 third glue joints between said fastening element and said margins of the housing.

1 11. (Amended) A joining construction of claim [1 or] 2, wherein the material of  
 2 the fastening element and the heat distribution pieces is metal, and that said metal is copper  
 or aluminum or an alloy of either of these.

23. (Amended) A method of claim [17 or] 18, wherein the third glue is allowed  
 to harden prior to the fastening of the heat distribution pieces with the second glue.

27. (Amended) A method of claim [17 or] 18, wherein the employed second glue  
 are thermally conductive glues, with a heat transfer coefficient of at least 0.6 W/m-K.

In the Abstract:

Paragraph beginning at line 1 of page 16 has been amended as follows:

Abstract of the Disclosure

5 The invention relates to a joining construction for mounting the CCD cells of a color line  
 camera on a color splitting prism (30) attached to a prism housing (2). Each CCD cell (6, 7,  
 8) is attached, by a first glue joint (13), to its fastening element (9), the length (L2) whereof

is essentially larger than the length (L1) of the CCD cell, and which fastening element (9) extends from the housing margin (12a) located on one side of said exit surface (20a, 20b, 20c) of the color splitting prism to the other housing margin (12b) located on the opposite side thereof. East fastening element (9) is attached to said margins by third glue joints (11).

5

[Figure 2]

T0T750" 692B2B60